CDX-4240R/4250R

SONY

AEP Model
UK Model

SERVICE MANUAL

SUPPLEMENT-1

File this supplement with the service manual.

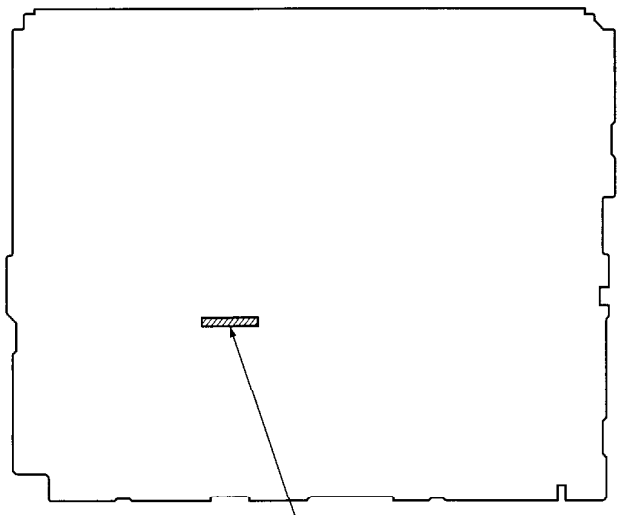
Subject : Change of Main, Display and Mechanism Deck Servo Boards (MG-363T-121 to MG-363X-121)

(ECN-CS804462, 805057, 805059)

When performing service and inspection, check the part number of the main, display and servo boards.

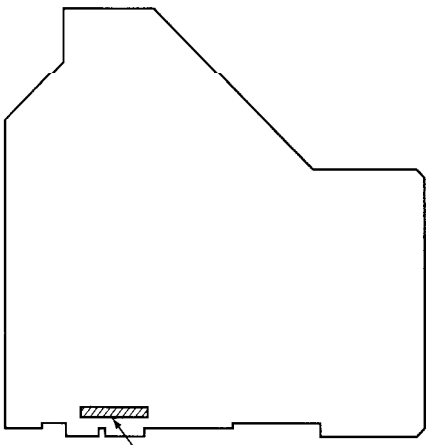
1. DISCRIMINATION

– MAIN BOARD (SIDE A) –



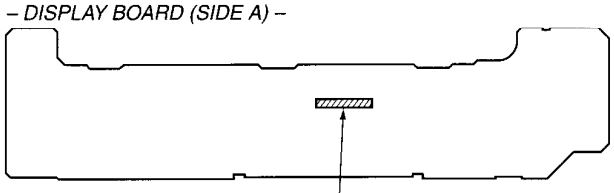
MAIN Board Part No.
Former : 1-672-436-11
New : 1-672-436-12

– SERVO BOARD (CONDUCTOR SIDE) –



SERVO Board Part No.
Former (MG-363T-121) : 1-663-953-12
New (MG-363X-121) : 1-659-998-11

– DISPLAY BOARD (SIDE A) –



DISPLAY Board Part No.
Former : 1-672-442-11
New : 1-672-442-12

2. EXPLODED VIEWS

• Change of Part List

Page	Former (MG-363T-121)				New (MG-363X-121)		
	Ref. No.	Part No.	Description	Remark	Part No.	Description	Remark
55	* 115	A-3309-694-A	SERVO BOARD, COMPLETE		* A-3309-227-A	SERVO BOARD, COMPLETE	

THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS.
(In addition to this, the necessary note is printed in each block.)

for schematic diagram:

- All capacitors are in μF unless otherwise noted. pF: μμF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- % : indicates tolerance.
- Δ : internal component.
- ▭ : panel designation.

Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

- B+ : B+ Line.
- Power voltage is dc 14.4V and fed with regulated dc power supply from ACC and BATT cords.
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  ⇨ : FM
  ➡ : MW
  ⇨ : CD
- Abbreviation
  G : German model.
- (( )) : Page of supplement-1.

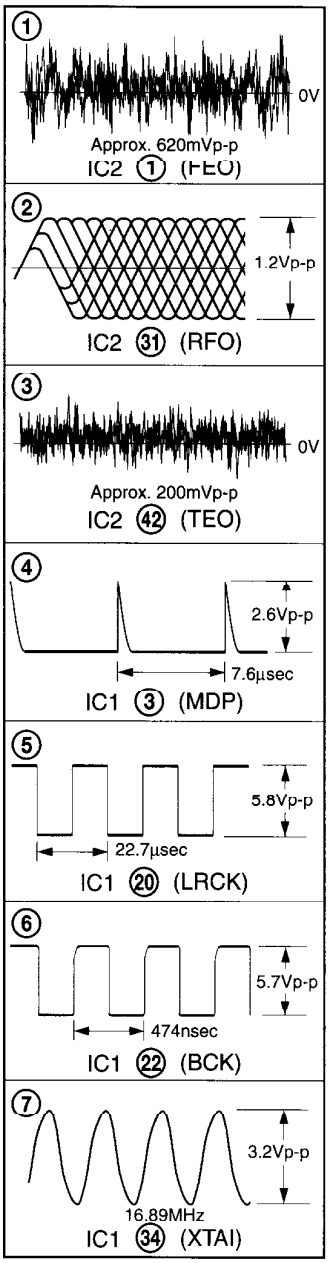
for printed wiring boards:

- o——— : parts extracted from the component side.
- ——— : parts extracted from the conductor side.
- ○ : Through hole.
- ▒▒ : Pattern from the side which enables seeing. (The other layer's patterns are not indicated.)

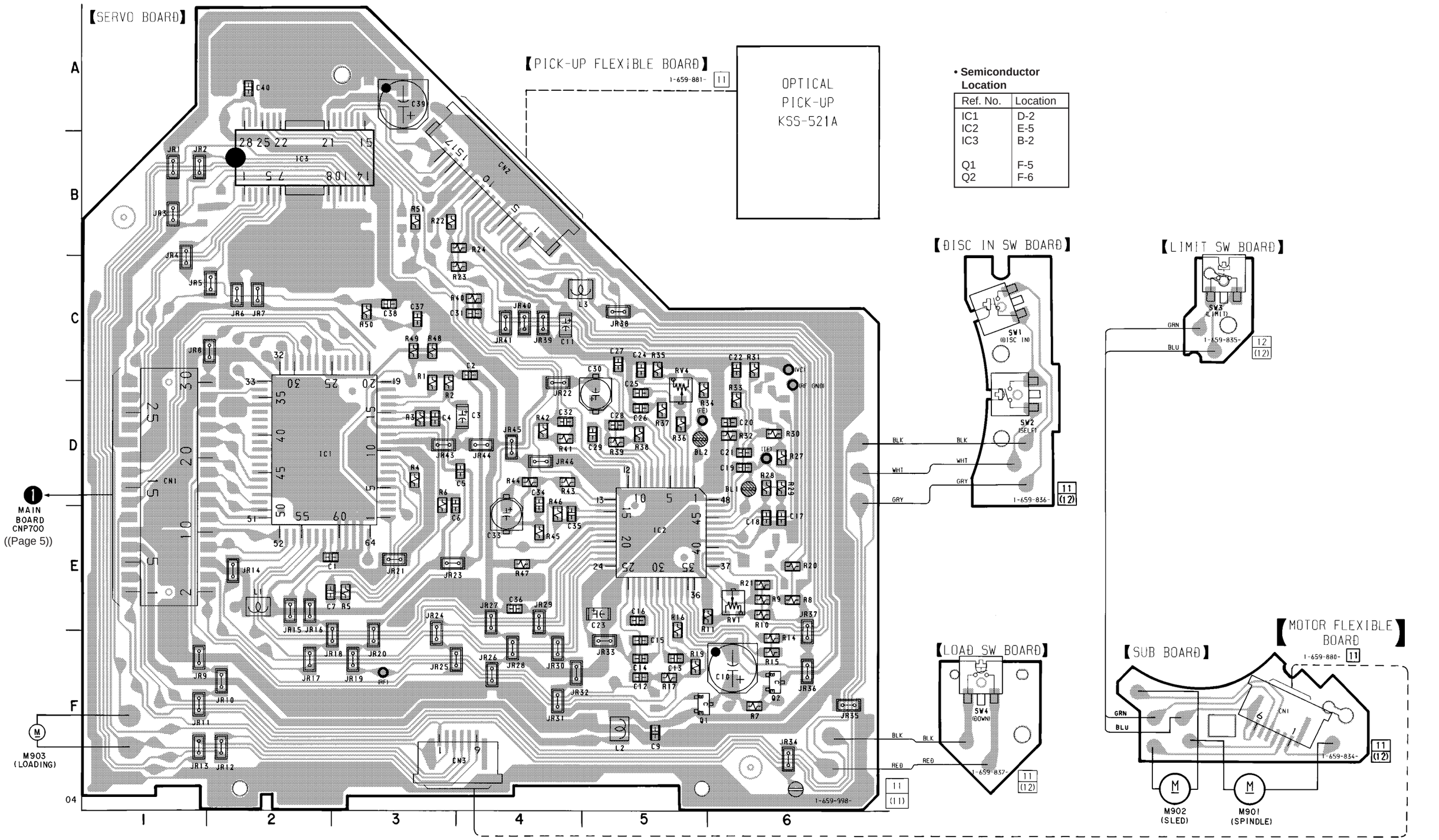
Caution:	
Pattern face side: (Side B)	Parts on the pattern face side seen from the pattern face are indicated.
Parts face side: (Side A)	Parts on the parts face side seen from the parts face are indicated.

- Abbreviation
  G : German model.
- (( )) : Page of supplement-1.

• Waveforms (MODE:PLAY)



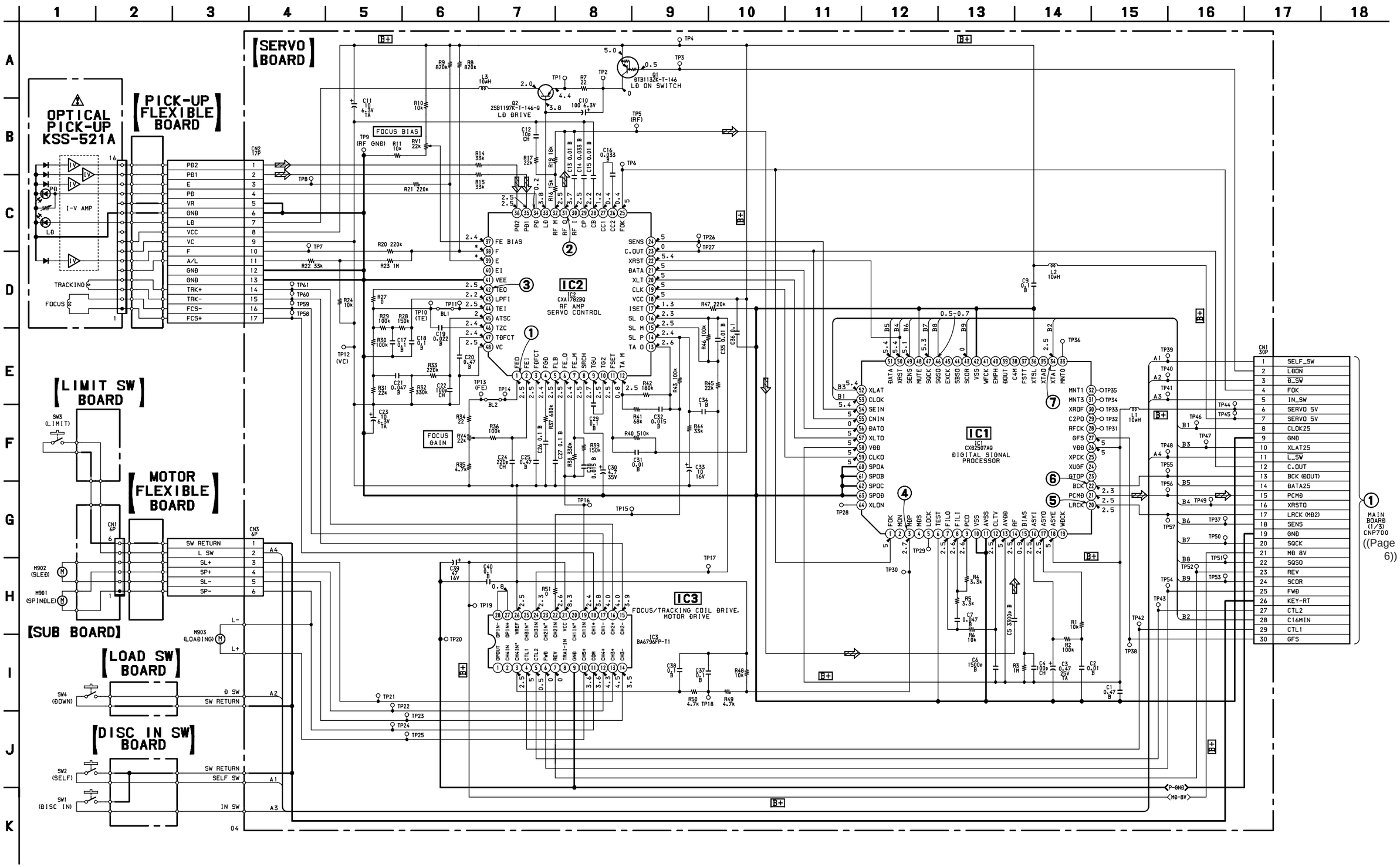
3. PRINTED WIRING BOARDS — CD MECHANISM SECTION —



- **Semiconductor Location**

Ref. No.	Location
IC1	D-2
IC2	E-5
IC3	B-2
Q1	F-5
Q2	F-6

4. SCHEMATIC DIAGRAM — CD MECHANISM SECTION — • Refer to page 1 for Waveforms.



Note:

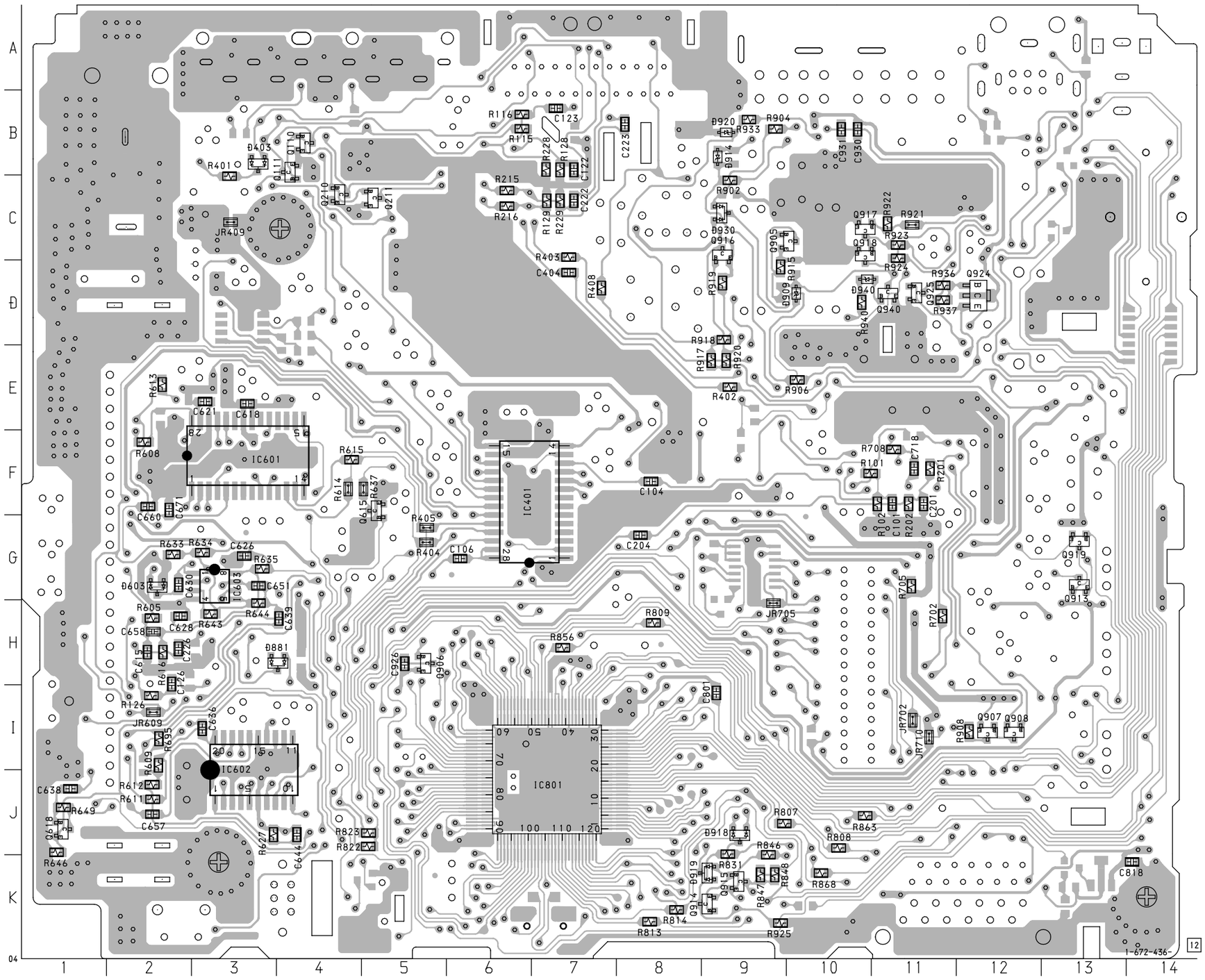
- Voltage and waveforms are dc with respect to ground under no-signal conditions.
  no mark : CD PLAY
  ∗ : Impossible to measure

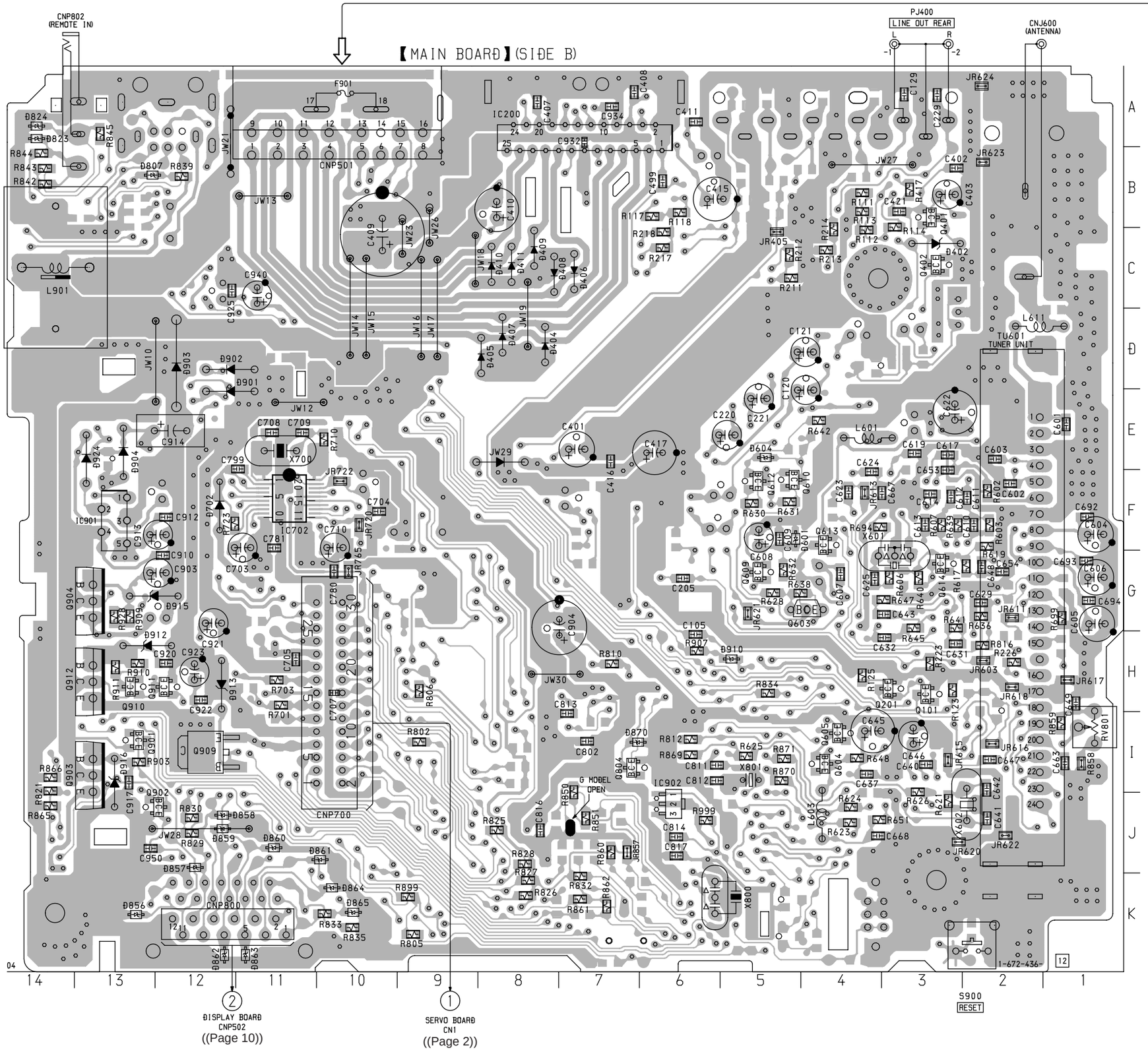
5. PRINTED WIRING BOARD — MAIN SECTION —

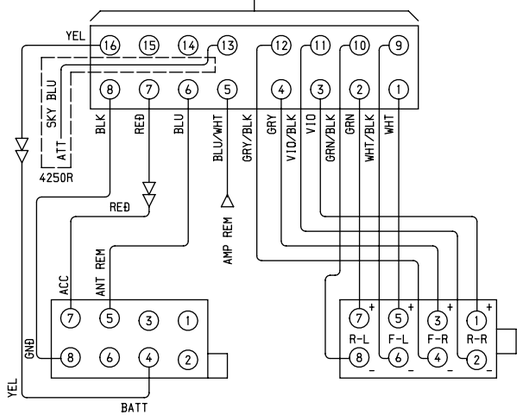
• **Semiconductor Location (side A)**

Ref. No.	Location
D403	B-3
D603	G-2
D881	H-4
D909	D-10
D914	B-9
D918	J-9
D919	K-9
D920	B-9
D930	C-9
D940	D-10
IC401	F-6
IC601	F-3
IC602	I-3
IC603	G-3
IC801	J-7
Q110	B-4
Q111	B-4
Q210	C-4
Q211	C-5
Q615	F-5
Q618	J-1
Q905	C-10
Q906	H-5
Q907	I-12
Q908	I-12
Q913	G-13
Q914	K-9
Q915	K-9
Q916	C-9
Q917	C-10
Q918	C-10
Q919	G-13
Q924	D-12
Q925	D-11
Q940	D-11

【MAIN BOARD】(SIDE A)



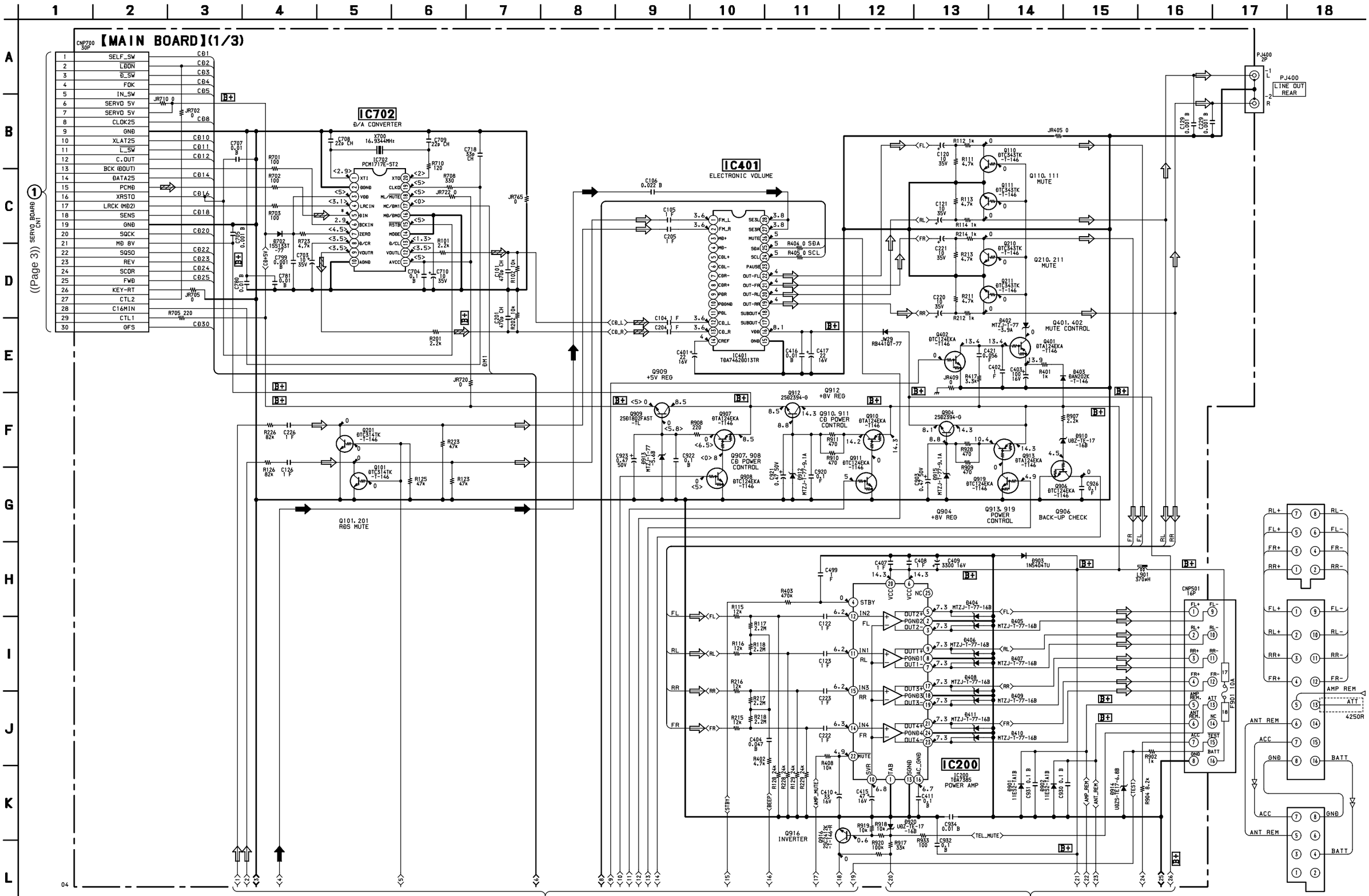




- **Semiconductor Location (side B)**

Ref. No.	Location	Ref. No.	Location
D402	C-3	D915	G-12
D404	D-8	D916	I-13
D405	D-8	D924	E-13
D406	C-7		
D407	D-8	IC200	A-8
D408	C-8	IC702	F-11
D409	C-8	IC901	F-13
D410	C-8	IC902	J-6
D411	C-8		
D601	F-5	JW29	E-8
D604	E-5		
D702	F-12	Q101	H-3
D807	B-13	Q201	H-3
D823	A-14	Q401	B-3
D824	A-14	Q402	C-3
D856	K-13	Q603	G-4
D857	K-12	Q604	I-4
D858	J-12	Q605	I-4
D859	J-12	Q609	G-5
D860	J-11	Q610	F-5
D861	J-10	Q612	F-5
D862	K-12	Q613	F-4
D863	K-11	Q614	G-3
D864	K-10	Q804	I-7
D865	K-10	Q901	I-13
D870	I-7	Q902	J-12
D901	E-12	Q903	I-13
D902	D-12	Q904	G-13
D903	D-13	Q909	I-12
D904	E-13	Q910	H-13
D910	H-5	Q911	H-12
D912	H-13	Q912	H-13
D913	H-12		

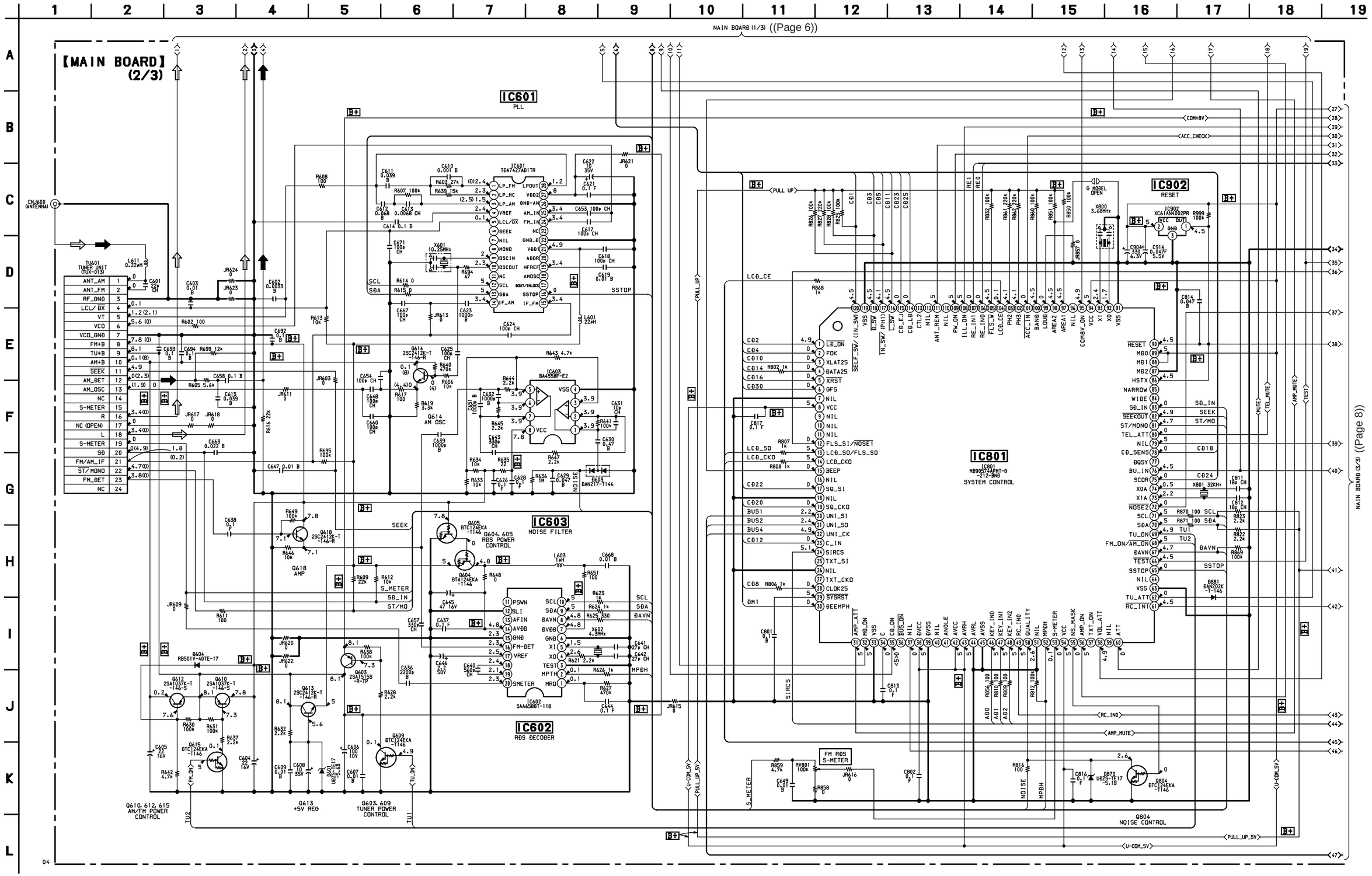
6. SCHEMATIC DIAGRAM — MAIN SECTION (1/3) —



Note:

- Voltage is dc with respect to ground under no-signal (detuned) condition.
  no mark : FM
  ( ) : MW
  < > : CD PLAY

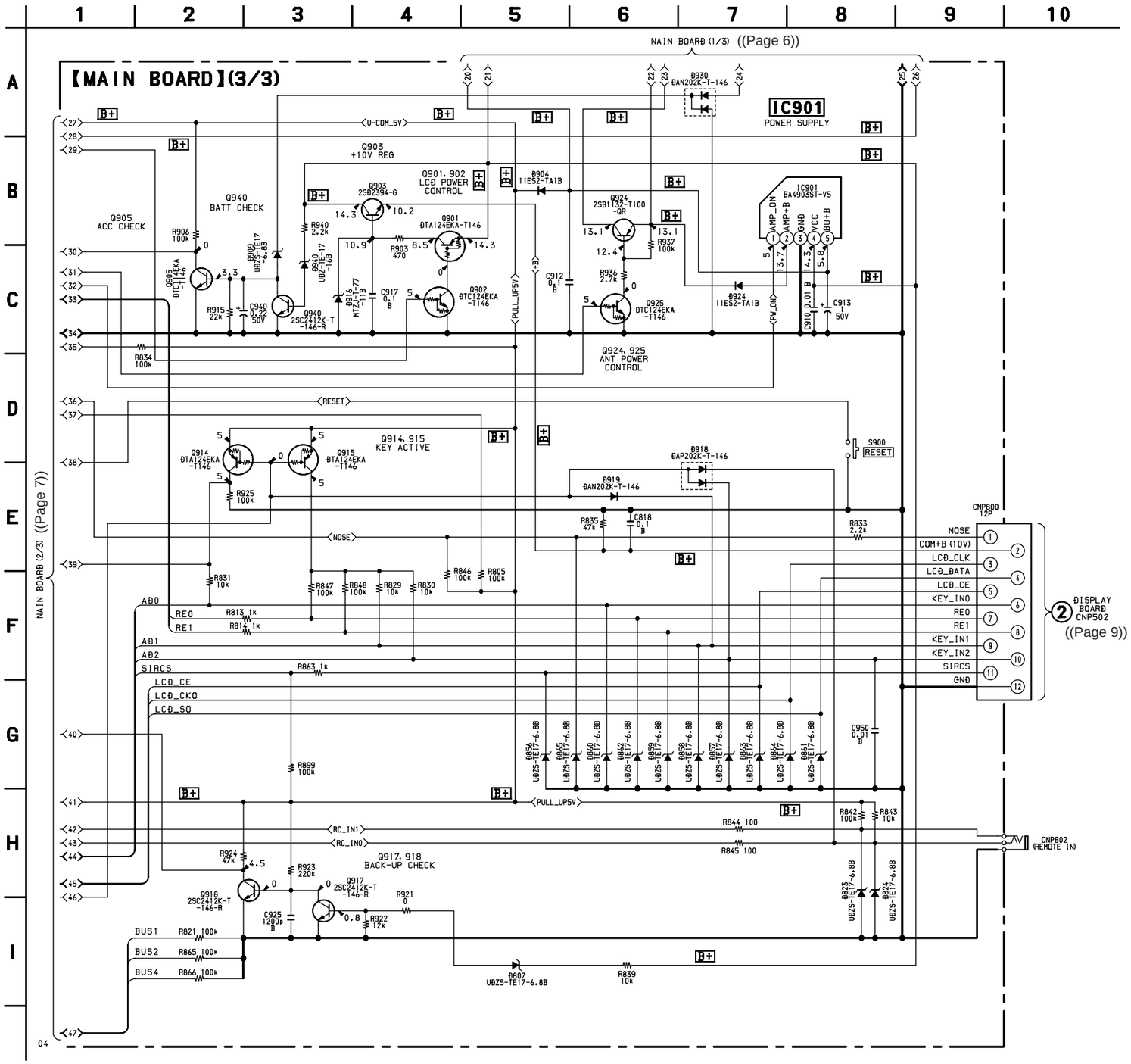
7. SCHEMATIC DIAGRAM — MAIN SECTION (2/3) —



Note:

- Voltage is dc with respect to ground under no-signal (detuned) condition.
  no mark : FM
  ( ) : MW
  < > : CD PLAY

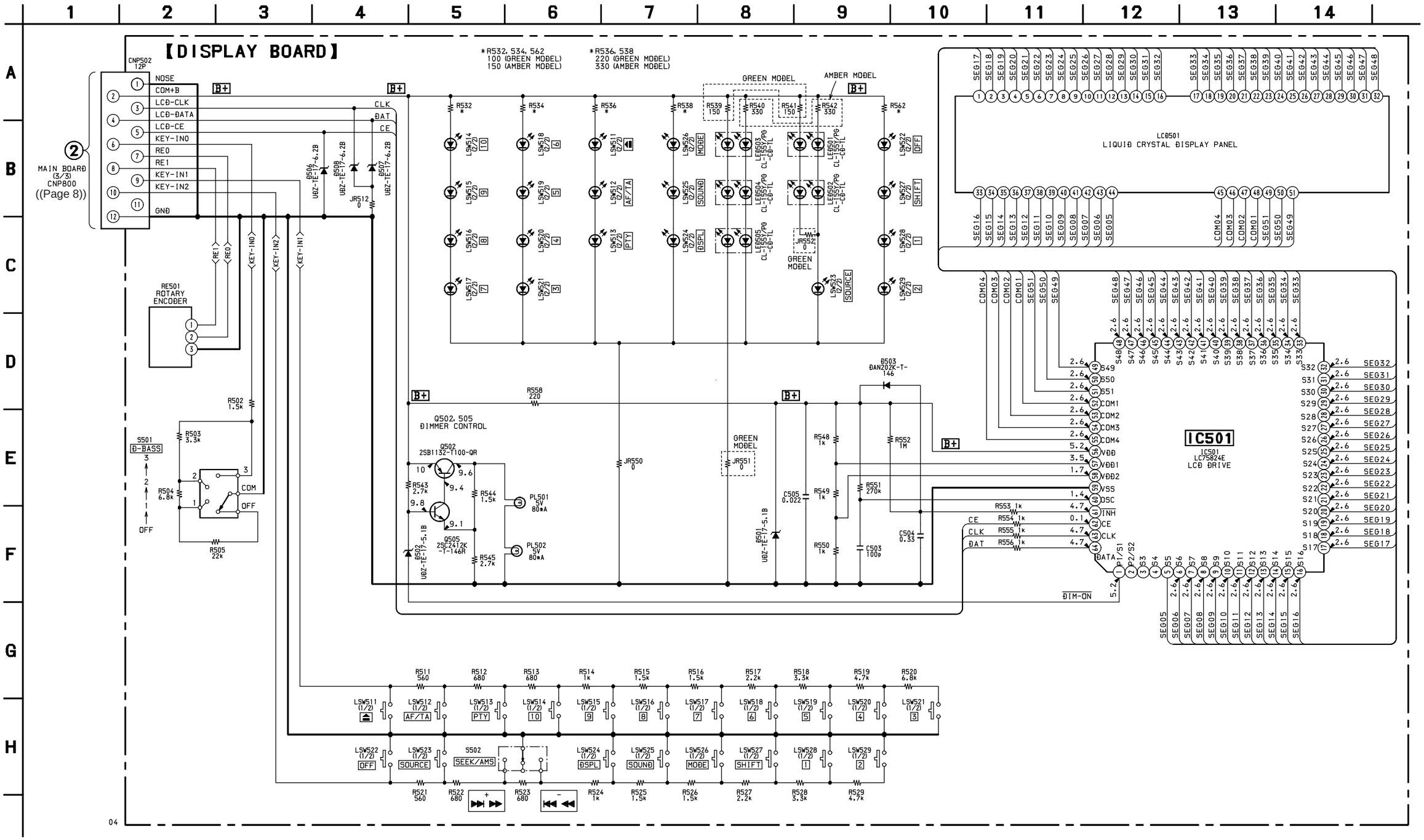
8. SCHEMATIC DIAGRAM — MAIN SECTION (3/3) —



Note:

- Voltage is dc with respect to ground under no-signal (detuned) condition.
  no mark : FM
  ( ) : MW
  < > : CD PLAY

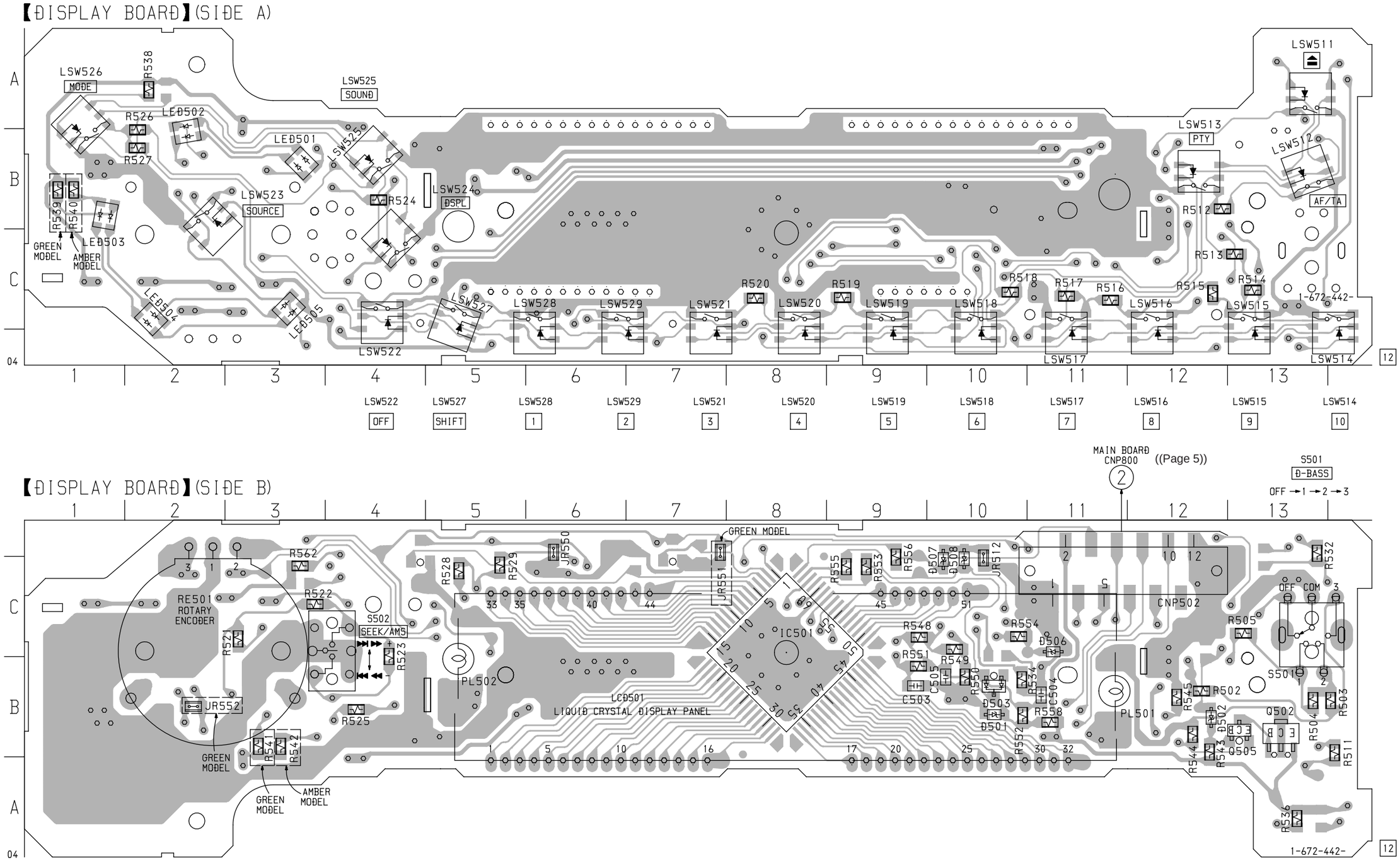
9. SCHEMATIC DIAGRAM — DISPLAY SECTION —



Note:

- Voltage is dc with respect to ground under no-signal (detuned) condition.
  no mark : FM

10. PRINTED WIRING BOARD — DISPLAY SECTION —



• **Semiconductor Location**

Ref. No.	Location	Ref. No.	Location
(D501)	B-10	LED501	B-3
(D502)	B-12	LED502	B-2
(D503)	B-10	LED503	B-1
(D506)	B-11	LED504	C-2
(D507)	C-10	LED505	C-3
(D508)	C-10		
		(Q502)	B-13
(IC501)	C-8	(Q505)	B-13

( ) : SIDE B

11. ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms.
  METAL:Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F:nonflammable
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u : µ, for example:
  uA.. : µA.. uPA.. : µPA..
  uPB.. : µPB.. uPC.. : µPC.. uPD.. : µPD..
- CAPACITORS
  uF : µF
- COILS
  uH : µH

When indicating parts by reference number, please include the board.

Ref. No.	Part No.	Description			Remark
		DISPLAY BOARD			
		**********			
*	3-030-985-01	HOLDER, LCD			
*	3-030-986-01	PLATE (LCD), LIGHT GUIDE			
*	3-030-994-01	BRACKET (LCD)			
*	3-032-198-01	SHEET (E)			
*	3-032-199-01	SHEET (ESD)			
*	3-032-289-01	SHEET (DIFFUSION 5)			
		< CAPACITOR >			
C503	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C504	1-110-501-11	CERAMIC CHIP	0.33uF	10%	16V
C505	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V
		< CONNECTOR >			
CNP502	1-764-423-11	PIN, CONNECTOR 12P			
		< DIODE >			
D501	8-719-069-54	DIODE UDZS-TE17-5.1B			
D502	8-719-069-54	DIODE UDZS-TE17-5.1B			
D503	8-719-914-43	DIODE DAN202K-T-146			
D506	8-719-069-56	DIODE UDZS-TE17-6.2B			
D507	8-719-069-56	DIODE UDZS-TE17-6.2B			
D508	8-719-069-56	DIODE UDZS-TE17-6.2B			
		< IC >			
IC501	8-759-366-34	IC LC75824E			
		< JUMPER RESISTOR >			
JR512	1-216-295-00	SHORT	0		
JR550	1-216-295-00	SHORT	0		
JR551	1-216-295-00	SHORT	0		(GREEN)
JR552	1-216-295-00	SHORT	0		(GREEN)
		< LIQUID CRYSTAL DISPLAY >			
LCD501	1-803-440-11	DISPLAY PANEL, LIQUID CRYSTAL			
		< DIODE >			
LED501	8-719-987-45	LED CL-155Y/PG-CD-TL			
LED502	8-719-987-45	LED CL-155Y/PG-CD-TL			
LED503	8-719-987-45	LED CL-155Y/PG-CD-TL			
LED504	8-719-987-45	LED CL-155Y/PG-CD-TL			
LED505	8-719-987-45	LED CL-155Y/PG-CD-TL			

Ref. No.	Part No.	Description	Remark
		< SWITCH >	
LSW511	1-762-141-12	SWITCH, KEY BOARD (WITH LED) (⏏)	(AMBER)
LSW511	1-762-142-12	SWITCH, KEY BOARD (WITH LED) (⏏)	(GREEN)
LSW512	1-762-141-12	SWITCH, KEY BOARD (WITH LED) (AF/TA)	(AMBER)
LSW512	1-762-142-12	SWITCH, KEY BOARD (WITH LED) (AF/TA)	(GREEN)
LSW513	1-762-141-12	SWITCH, KEY BOARD (WITH LED) (PTY)	(AMBER)
LSW513	1-762-142-12	SWITCH, KEY BOARD (WITH LED) (PTY)	(GREEN)
LSW514	1-762-617-21	SWITCH, KEY BOARD (WITH LED) (10)	(AMBER)
LSW514	1-762-619-21	SWITCH, KEY BOARD (WITH LED) (10)	(GREEN)
LSW515	1-762-617-21	SWITCH, KEY BOARD (WITH LED) (9) (AMBER)	
LSW515	1-762-619-21	SWITCH, KEY BOARD (WITH LED) (9) (GREEN)	
LSW516	1-762-617-21	SWITCH, KEY BOARD (WITH LED) (8) (AMBER)	
LSW516	1-762-619-21	SWITCH, KEY BOARD (WITH LED) (8) (GREEN)	
LSW517	1-762-617-21	SWITCH, KEY BOARD (WITH LED) (7) (AMBER)	
LSW517	1-762-619-21	SWITCH, KEY BOARD (WITH LED) (7) (GREEN)	
LSW518	1-762-617-21	SWITCH, KEY BOARD (WITH LED) (6) (AMBER)	
LSW518	1-762-619-21	SWITCH, KEY BOARD (WITH LED) (6) (GREEN)	
LSW519	1-762-617-21	SWITCH, KEY BOARD (WITH LED) (5) (AMBER)	
LSW519	1-762-619-21	SWITCH, KEY BOARD (WITH LED) (5) (GREEN)	
LSW520	1-762-617-21	SWITCH, KEY BOARD (WITH LED) (4) (AMBER)	
LSW520	1-762-619-21	SWITCH, KEY BOARD (WITH LED) (4) (GREEN)	
LSW521	1-762-617-21	SWITCH, KEY BOARD (WITH LED) (3) (AMBER)	
LSW521	1-762-619-21	SWITCH, KEY BOARD (WITH LED) (3) (GREEN)	
LSW522	1-762-617-21	SWITCH, KEY BOARD (WITH LED) (OFF)	(AMBER)
LSW522	1-762-619-21	SWITCH, KEY BOARD (WITH LED) (OFF)	(GREEN)
LSW523	1-762-141-12	SWITCH, KEY BOARD (WITH LED) (SOURCE)	(AMBER)
LSW523	1-762-142-12	SWITCH, KEY BOARD (WITH LED) (SOURCE)	(GREEN)
LSW524	1-762-141-12	SWITCH, KEY BOARD (WITH LED) (DSPL)	(AMBER)
LSW524	1-762-142-12	SWITCH, KEY BOARD (WITH LED) (DSPL)	(GREEN)
LSW525	1-762-141-12	SWITCH, KEY BOARD (WITH LED) (SOUND)	(AMBER)
LSW525	1-762-142-12	SWITCH, KEY BOARD (WITH LED) (SOUND)	(GREEN)

DISPLAY MAIN

Ref. No.	Part No.	Description			Remark
LSW526	1-762-141-12	SWITCH, KEY BOARD (WITH LED) (MODE)			(AMBER)
LSW526	1-762-142-12	SWITCH, KEY BOARD (WITH LED) (MODE)			(GREEN)
LSW527	1-762-617-21	SWITCH, KEY BOARD (WITH LED) (SHIFT)			(AMBER)
LSW527	1-762-619-21	SWITCH, KEY BOARD (WITH LED) (SHIFT)			(GREEN)
LSW528	1-762-617-21	SWITCH, KEY BOARD (WITH LED) (1) (AMBER)			
LSW528	1-762-619-21	SWITCH, KEY BOARD (WITH LED) (1) (GREEN)			
LSW529	1-762-617-21	SWITCH, KEY BOARD (WITH LED) (2) (AMBER)			
LSW529	1-762-619-21	SWITCH, KEY BOARD (WITH LED) (2) (GREEN)			
		< PILOT LAMP >			
PL501	1-517-884-11	LAMP, PILOT (5V/80mA)			
PL502	1-517-884-11	LAMP, PILOT (5V/80mA)			
		< TRANSISTOR >			
Q502	8-729-903-46	TRANSISTOR 2SB1132-T100-QR			
Q505	8-729-120-28	TRANSISTOR 2SC2412K-T-146-R			
		< RESISTOR >			
R502	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R503	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R504	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R505	1-216-081-00	METAL CHIP	22K	5%	1/10W
R511	1-216-043-00	RES,CHIP	560	5%	1/10W
R512	1-216-045-00	METAL CHIP	680	5%	1/10W
R513	1-216-045-00	METAL CHIP	680	5%	1/10W
R514	1-216-049-11	RES,CHIP	1K	5%	1/10W
R515	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R516	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R517	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R518	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R519	1-216-065-00	RES,CHIP	4.7K	5%	1/10W
R520	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R521	1-216-043-00	RES,CHIP	560	5%	1/10W
R522	1-216-045-00	METAL CHIP	680	5%	1/10W
R523	1-216-045-00	METAL CHIP	680	5%	1/10W
R524	1-216-049-11	RES,CHIP	1K	5%	1/10W
R525	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R526	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R527	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R528	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R529	1-216-065-00	RES,CHIP	4.7K	5%	1/10W
R532	1-216-025-00	RES,CHIP	100	5%	1/10W (GREEN)
R532	1-216-029-00	METAL CHIP	150	5%	1/10W (AMBER)
R534	1-216-025-00	RES,CHIP	100	5%	1/10W (GREEN)
R534	1-216-029-00	METAL CHIP	150	5%	1/10W (AMBER)

Ref. No.	Part No.	Description			Remark
R536	1-216-033-00	METAL CHIP	220	5%	1/10W (GREEN)
R536	1-216-037-00	METAL CHIP	330	5%	1/10W (AMBER)
R538	1-216-033-00	METAL CHIP	220	5%	1/10W (GREEN)
R538	1-216-037-00	METAL CHIP	330	5%	1/10W (AMBER)
R539	1-216-029-00	METAL CHIP	150	5%	1/10W (GREEN)
R540	1-216-037-00	METAL CHIP	330	5%	1/10W (AMBER)
R541	1-216-029-00	METAL CHIP	150	5%	1/10W (GREEN)
R542	1-216-037-00	METAL CHIP	330	5%	1/10W (AMBER)
R543	1-216-059-00	METAL CHIP	2.7K	5%	1/10W
R544	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R545	1-216-059-00	METAL CHIP	2.7K	5%	1/10W
R548	1-216-049-11	RES,CHIP	1K	5%	1/10W
R549	1-216-049-11	RES,CHIP	1K	5%	1/10W
R550	1-216-049-11	RES,CHIP	1K	5%	1/10W
R551	1-216-107-00	METAL CHIP	270K	5%	1/10W
R552	1-216-121-00	RES,CHIP	1M	5%	1/10W
R553	1-216-049-11	RES,CHIP	1K	5%	1/10W
R554	1-216-049-11	RES,CHIP	1K	5%	1/10W
R555	1-216-049-11	RES,CHIP	1K	5%	1/10W
R556	1-216-049-11	RES,CHIP	1K	5%	1/10W
R558	1-216-033-00	METAL CHIP	220	5%	1/10W
R562	1-216-025-00	RES,CHIP	100	5%	1/10W (GREEN)
R562	1-216-029-00	METAL CHIP	150	5%	1/10W (AMBER)
		< ROTARY ENCODER >			
RE501	1-475-014-11	ENCODER, ROTARY			
		< SWITCH >			
S501	1-762-937-11	SWITCH, ROTARY (D-BASS)			
S502	1-771-290-11	SWITCH, SLIDE (SEEK/AMS)			
**********					
*	A-3294-577-A	MAIN BOARD, COMPLETE			
		**********			
*	3-030-864-01	BRACKET (IC)			
*	3-030-884-01	HEAT SINK (REG)			
*	3-030-991-01	HEAT SINK			
	7-685-793-09	SCREW +PTT 2.6X8 (S)			
	7-685-795-09	SCREW +PTT 2.6X12 (S)			
		< CAPACITOR >			
C101	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C104	1-164-346-11	CERAMIC CHIP	1uF		16V
C105	1-164-346-11	CERAMIC CHIP	1uF		16V
C106	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V

Ref. No.	Part No.	Description			Remark
C120	1-126-295-11	ELECT	10uF	20%	35V
C121	1-126-295-11	ELECT	10uF	20%	35V
C122	1-164-346-11	CERAMIC CHIP	1uF		16V
C123	1-164-346-11	CERAMIC CHIP	1uF		16V
C126	1-164-346-11	CERAMIC CHIP	1uF		16V
C129	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C201	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C204	1-164-346-11	CERAMIC CHIP	1uF		16V
C205	1-164-346-11	CERAMIC CHIP	1uF		16V
C220	1-126-295-11	ELECT	10uF	20%	35V
C221	1-126-295-11	ELECT	10uF	20%	35V
C222	1-164-346-11	CERAMIC CHIP	1uF		16V
C223	1-164-346-11	CERAMIC CHIP	1uF		16V
C226	1-164-346-11	CERAMIC CHIP	1uF		16V
C229	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C401	1-124-234-00	ELECT	22uF	20%	16V
C402	1-164-346-11	CERAMIC CHIP	1uF		16V
C403	1-126-382-11	ELECT	100uF	20%	16V
C404	1-163-809-11	CERAMIC CHIP	0.047uF	10%	25V
C407	1-164-346-11	CERAMIC CHIP	1uF		16V
C408	1-164-346-11	CERAMIC CHIP	1uF		16V
C409	1-126-936-11	ELECT	3300uF	20%	16V
C410	1-124-242-00	ELECT	33uF	20%	25V
C411	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C415	1-124-589-11	ELECT	47uF	20%	16V
C416	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C417	1-124-234-00	ELECT	22uF	20%	16V
C421	1-164-343-11	CERAMIC CHIP	0.056uF	10%	25V
C499	1-164-346-11	CERAMIC CHIP	1uF		16V
C601	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
C602	1-164-182-11	CERAMIC CHIP	0.0033uF	10%	50V
C603	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C604	1-124-234-00	ELECT	22uF	20%	16V
C605	1-124-234-00	ELECT	22uF	20%	16V
C606	1-124-584-00	ELECT	100uF	20%	10V
C607	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C608	1-126-295-11	ELECT	10uF	20%	35V
C609	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C610	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C611	1-162-587-11	CERAMIC CHIP	0.039uF	10%	25V
C612	1-164-344-11	CERAMIC CHIP	0.068uF	10%	25V
C613	1-163-019-00	CERAMIC CHIP	0.0068uF	10%	50V
C614	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C615	1-162-587-11	CERAMIC CHIP	0.039uF	10%	25V
C617	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C618	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C619	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C621	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C622	1-126-295-11	ELECT	10uF	20%	35V
C623	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C624	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C625	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C626	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C628	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C629	1-163-809-11	CERAMIC CHIP	0.047uF	10%	25V
C630	1-164-005-11	CERAMIC CHIP	0.47uF		25V
C631	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V
C632	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C636	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
C637	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C638	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C639	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C640	1-163-006-11	CERAMIC CHIP	560PF	10%	50V
C641	1-163-237-11	CERAMIC CHIP	27PF	5%	50V
C642	1-163-237-11	CERAMIC CHIP	27PF	5%	50V
C643	1-163-263-11	CERAMIC CHIP	330PF	5%	50V
C644	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C645	1-124-589-11	ELECT	47uF	20%	16V
C646	1-124-257-00	ELECT	2.2uF	20%	50V
C647	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C648	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C649	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C651	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C653	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C654	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C657	1-163-263-11	CERAMIC CHIP	330PF	5%	50V
C658	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C660	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C663	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V
C667	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C668	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C671	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C692	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C693	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C694	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C703	1-126-295-11	ELECT	10uF	20%	35V
C704	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C705	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C707	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C708	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
C709	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
C710	1-126-295-11	ELECT	10uF	20%	35V
C718	1-163-239-11	CERAMIC CHIP	33PF	5%	50V
C780	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C781	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C799	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C801	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C802	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C811	1-163-233-11	CERAMIC CHIP	18PF	5%	50V
C812	1-163-233-11	CERAMIC CHIP	18PF	5%	50V
C813	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C814	1-163-809-11	CERAMIC CHIP	0.047uF	10%	25V
C816	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C817	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C818	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C903	1-124-465-00	ELECT	0.47uF	20%	50V

MAIN

Ref. No.	Part No.	Description			Remark
C904	1-128-057-11	ELECT	330uF	20%	6.3V
C910	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C912	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C913	1-126-160-11	ELECT	1uF	20%	50V
C914	1-125-701-11	DOUBLE LAYERS	0.047F		5.5V
C917	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C920	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C921	1-124-465-00	ELECT	0.47uF	20%	50V
C922	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C923	1-124-465-00	ELECT	0.47uF	20%	50V
C925	1-163-010-11	CERAMIC CHIP	0.0012uF	10%	50V
C926	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C930	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C931	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C932	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C934	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C940	1-124-464-11	ELECT	0.22uF	20%	50V
C950	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
		< JACK >			
CNJ600	1-764-808-21	JACK (ANTENNA)			
CNP802	1-566-822-41	JACK (REMOTE IN)			
		< CONNECTOR >			
CNP501	1-774-701-11	PIN, CONNECTOR 16P			
CNP700	1-764-617-12	PIN, CONNECTOR (PC BOARD) 30P			
CNP800	1-764-422-11	PLUG, CONNECTOR 12P			
		< DIODE >			
D402	8-719-109-71	DIODE	MTZJ-T-77-3.9A		
D403	8-719-914-43	DIODE	DAN202K-T-146		
D404	8-719-923-92	DIODE	MTZJ-T-77-16B		
D405	8-719-923-92	DIODE	MTZJ-T-77-16B		
D406	8-719-923-92	DIODE	MTZJ-T-77-16B		
D407	8-719-923-92	DIODE	MTZJ-T-77-16B		
D408	8-719-923-92	DIODE	MTZJ-T-77-16B		
D409	8-719-923-92	DIODE	MTZJ-T-77-16B		
D410	8-719-923-92	DIODE	MTZJ-T-77-16B		
D411	8-719-923-92	DIODE	MTZJ-T-77-16B		
D601	8-719-069-55	DIODE	UDZS-TE17-5.6B		
D603	8-719-987-69	DIODE	DAN217-T146		
D604	8-719-058-24	DIODE	RB501V-40TE-17		
D702	8-719-991-33	DIODE	1SS133T-77		
D807	8-719-069-57	DIODE	UDZS-TE17-6.8B		
D823	8-719-069-57	DIODE	UDZS-TE17-6.8B		
D824	8-719-069-57	DIODE	UDZS-TE17-6.8B		
D856	8-719-069-57	DIODE	UDZS-TE17-6.8B		
D857	8-719-069-57	DIODE	UDZS-TE17-6.8B		
D858	8-719-069-57	DIODE	UDZS-TE17-6.8B		
D859	8-719-069-57	DIODE	UDZS-TE17-6.8B		
D860	8-719-069-57	DIODE	UDZS-TE17-6.8B		
D861	8-719-069-57	DIODE	UDZS-TE17-6.8B		
D862	8-719-069-57	DIODE	UDZS-TE17-6.8B		

Ref. No.	Part No.	Description			Remark
D863	8-719-069-57	DIODE	UDZS-TE17-6.8B		
D864	8-719-069-57	DIODE	UDZS-TE17-6.8B		
D865	8-719-069-57	DIODE	UDZS-TE17-6.8B		
D870	8-719-069-54	DIODE	UDZS-TE17-5.1B		
D881	8-719-914-43	DIODE	DAN202K-T-146		
D901	8-719-200-82	DIODE	11ES2-TA1B		
D902	8-719-200-82	DIODE	11ES2-TA1B		
D903	8-719-049-38	DIODE	1N5404TU		
D904	8-719-200-82	DIODE	11ES2-TA1B		
D909	8-719-069-57	DIODE	UDZS-TE17-6.8B		
D910	8-719-978-69	DIODE	UDZ-TE-17-16B		
D912	8-719-923-60	DIODE	MTZJ-T-77-9.1A		
D913	8-719-109-89	DIODE	MTZJ-T-77-5.6B		
D914	8-719-069-57	DIODE	UDZS-TE17-6.8B		
D915	8-719-923-60	DIODE	MTZJ-T-77-9.1A		
D916	8-719-921-80	DIODE	MTZJ-T-77-11B		
D918	8-719-914-44	DIODE	DAP202K-T-146		
D919	8-719-914-43	DIODE	DAN202K-T-146		
D920	8-719-978-69	DIODE	UDZ-TE-17-16B		
D924	8-719-200-82	DIODE	11ES2-TA1B		
D930	8-719-914-43	DIODE	DAN202K-T-146		
D940	8-719-978-69	DIODE	UDZ-TE-17-16B		
		< IC >			
IC200	8-759-572-08	IC	TDA7385		
IC401	8-759-572-10	IC	TDA7462D013TR		
IC601	8-759-572-11	IC	TDA7427AD1TR		
IC602	8-759-492-59	IC	SAA6588T-118		
IC603	8-759-909-71	IC	BA4558F-E2		
IC702	8-759-464-81	IC	PCM1717E-ST2		
IC801	8-759-591-86	IC	MB90574APMT-G-212-BND		
IC901	8-759-572-12	IC	BA4903ST-V5		
IC902	8-759-363-81	IC	XC61AN4002PR		
		< JUMPER RESISTOR >			
JR405	1-216-295-00	SHORT		0	
JR409	1-216-295-00	SHORT		0	
JR603	1-216-295-00	SHORT		0	
JR609	1-216-295-00	SHORT		0	
JR611	1-216-295-00	SHORT		0	
JR613	1-216-295-00	SHORT		0	
JR615	1-216-295-00	SHORT		0	
JR616	1-216-295-00	SHORT		0	
JR617	1-216-295-00	SHORT		0	
JR618	1-216-295-00	SHORT		0	
JR620	1-216-295-00	SHORT		0	
JR621	1-216-295-00	SHORT		0	
JR622	1-216-295-00	SHORT		0	
JR623	1-216-295-00	SHORT		0	
JR624	1-216-295-00	SHORT		0	
JR702	1-216-295-00	SHORT		0	
JR705	1-216-295-00	SHORT		0	
JR710	1-216-295-00	SHORT		0	

Ref. No.	Part No.	Description		Remark
JR720	1-216-295-00	SHORT	0	
JR722	1-216-295-00	SHORT	0	
JR765	1-216-295-00	SHORT	0	
JR857	1-216-295-00	SHORT	0	
		< DIODE >		
JW29	8-719-050-84	DIODE	RB441QT-77	
		< COIL >		
L601	1-410-513-11	INDUCTOR	22uH	
L603	1-414-142-11	INDUCTOR	1uH	
L611	1-414-137-31	INDUCTOR	0.22uH	
L901	1-416-539-21	INDUCTOR	370uH	
		< JACK >		
PJ400	1-774-698-11	JACK, PIN 2P (LINE OUT REAR)		
		< TRANSISTOR >		
Q101	8-729-920-21	TRANSISTOR	DTC314TK-T-146	
Q110	8-729-920-31	TRANSISTOR	DTC343TK-T-146	
Q111	8-729-920-31	TRANSISTOR	DTC343TK-T-146	
Q201	8-729-920-21	TRANSISTOR	DTC314TK-T-146	
Q210	8-729-920-31	TRANSISTOR	DTC343TK-T-146	
Q211	8-729-920-31	TRANSISTOR	DTC343TK-T-146	
Q401	8-729-027-31	TRANSISTOR	DTA124EKA-T146	
Q402	8-729-901-00	TRANSISTOR	DTC124EKA-T146	
Q603	8-729-030-51	TRANSISTOR	2SA1515S-R-TP	
Q604	8-729-027-31	TRANSISTOR	DTA124EKA-T146	
Q605	8-729-901-00	TRANSISTOR	DTC124EKA-T146	
Q609	8-729-901-00	TRANSISTOR	DTC124EKA-T146	
Q610	8-729-216-22	TRANSISTOR	2SA1037K-T-146-S	
Q612	8-729-216-22	TRANSISTOR	2SA1037K-T-146-S	
Q613	8-729-120-28	TRANSISTOR	2SC2412K-T-146-R	
Q614	8-729-120-28	TRANSISTOR	2SC2412K-T-146-R	
Q615	8-729-901-00	TRANSISTOR	DTC124EKA-T146	
Q618	8-729-120-28	TRANSISTOR	2SC2412K-T-146-R	
Q804	8-729-901-00	TRANSISTOR	DTC124EKA-T146	
Q901	8-729-027-31	TRANSISTOR	DTA124EKA-T146	
Q902	8-729-901-00	TRANSISTOR	DTC124EKA-T146	
Q903	8-729-019-00	TRANSISTOR	2SD2394-G	
Q904	8-729-019-00	TRANSISTOR	2SD2394-G	
Q905	8-729-900-53	TRANSISTOR	DTC114EKA-T146	
Q906	8-729-901-00	TRANSISTOR	DTC124EKA-T146	
Q907	8-729-027-31	TRANSISTOR	DTA124EKA-T146	
Q908	8-729-901-00	TRANSISTOR	DTC124EKA-T146	
Q909	8-729-015-11	TRANSISTOR	2SD1802FAST-TL	
Q910	8-729-027-31	TRANSISTOR	DTA124EKA-T146	
Q911	8-729-901-00	TRANSISTOR	DTC124EKA-T146	
Q912	8-729-019-00	TRANSISTOR	2SD2394-G	
Q913	8-729-027-31	TRANSISTOR	DTA124EKA-T146	
Q914	8-729-027-31	TRANSISTOR	DTA124EKA-T146	
Q915	8-729-027-31	TRANSISTOR	DTA124EKA-T146	
Q916	8-729-120-28	TRANSISTOR	2SC2412K-T-146-R	

Ref. No.	Part No.	Description		Remark
Q917	8-729-120-28	TRANSISTOR	2SC2412K-T-146-R	
Q918	8-729-120-28	TRANSISTOR	2SC2412K-T-146-R	
Q919	8-729-901-00	TRANSISTOR	DTC124EKA-T146	
Q924	8-729-903-46	TRANSISTOR	2SB1132-T100-QR	
Q925	8-729-901-00	TRANSISTOR	DTC124EKA-T146	
Q940	8-729-120-28	TRANSISTOR	2SC2412K-T-146-R	
		< RESISTOR >		
R101	1-216-057-00	METAL CHIP	2.2K 5% 1/10W	
R102	1-216-073-00	METAL CHIP	10K 5% 1/10W	
R111	1-216-065-00	RES,CHIP	4.7K 5% 1/10W	
R112	1-216-049-11	RES,CHIP	1K 5% 1/10W	
R113	1-216-065-00	RES,CHIP	4.7K 5% 1/10W	
R114	1-216-049-11	RES,CHIP	1K 5% 1/10W	
R115	1-216-075-00	METAL CHIP	12K 5% 1/10W	
R116	1-216-075-00	METAL CHIP	12K 5% 1/10W	
R117	1-216-129-00	METAL CHIP	2.2M 5% 1/10W	
R118	1-216-129-00	METAL CHIP	2.2M 5% 1/10W	
R123	1-216-089-00	RES,CHIP	47K 5% 1/10W	
R125	1-216-089-00	RES,CHIP	47K 5% 1/10W	
R126	1-216-095-00	METAL CHIP	82K 5% 1/10W	
R128	1-216-082-00	RES,CHIP	24K 5% 1/10W	
R129	1-216-082-00	RES,CHIP	24K 5% 1/10W	
R201	1-216-057-00	METAL CHIP	2.2K 5% 1/10W	
R202	1-216-073-00	METAL CHIP	10K 5% 1/10W	
R211	1-216-065-00	RES,CHIP	4.7K 5% 1/10W	
R212	1-216-049-11	RES,CHIP	1K 5% 1/10W	
R213	1-216-065-00	RES,CHIP	4.7K 5% 1/10W	
R214	1-216-049-11	RES,CHIP	1K 5% 1/10W	
R215	1-216-075-00	METAL CHIP	12K 5% 1/10W	
R216	1-216-075-00	METAL CHIP	12K 5% 1/10W	
R217	1-216-129-00	METAL CHIP	2.2M 5% 1/10W	
R218	1-216-129-00	METAL CHIP	2.2M 5% 1/10W	
R223	1-216-089-00	RES,CHIP	47K 5% 1/10W	
R226	1-216-095-00	METAL CHIP	82K 5% 1/10W	
R228	1-216-082-00	RES,CHIP	24K 5% 1/10W	
R229	1-216-082-00	RES,CHIP	24K 5% 1/10W	
R401	1-216-049-11	RES,CHIP	1K 5% 1/10W	
R402	1-216-065-00	RES,CHIP	4.7K 5% 1/10W	
R403	1-216-113-00	METAL CHIP	470K 5% 1/10W	
R404	1-216-295-00	SHORT	0	
R405	1-216-295-00	SHORT	0	
R408	1-216-073-00	METAL CHIP	10K 5% 1/10W	
R417	1-216-061-00	METAL CHIP	3.3K 5% 1/10W	
R602	1-216-025-00	RES,CHIP	100 5% 1/10W	
R603	1-216-083-00	METAL CHIP	27K 5% 1/10W	
R605	1-216-067-00	METAL CHIP	5.6K 5% 1/10W	
R606	1-216-073-00	METAL CHIP	10K 5% 1/10W	
R607	1-216-097-00	RES,CHIP	100K 5% 1/10W	
R608	1-216-025-00	RES,CHIP	100 5% 1/10W	
R609	1-216-081-00	METAL CHIP	22K 5% 1/10W	
R611	1-216-025-00	RES,CHIP	100 5% 1/10W	
R612	1-216-073-00	METAL CHIP	10K 5% 1/10W	

MAIN

Ref. No.	Part No.	Description			Remark
R613	1-216-073-00	METAL CHIP	10K	5%	1/10W
R614	1-216-295-00	SHORT	0		
R615	1-216-295-00	SHORT	0		
R616	1-216-081-00	METAL CHIP	22K	5%	1/10W
R617	1-216-025-00	RES,CHIP	100	5%	1/10W
R619	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R621	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R623	1-216-049-11	RES,CHIP	1K	5%	1/10W
R624	1-216-049-11	RES,CHIP	1K	5%	1/10W
R625	1-216-037-00	METAL CHIP	330	5%	1/10W
R626	1-216-049-11	RES,CHIP	1K	5%	1/10W
R627	1-216-113-00	METAL CHIP	470K	5%	1/10W
R628	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R630	1-216-097-00	RES,CHIP	100K	5%	1/10W
R631	1-216-097-00	RES,CHIP	100K	5%	1/10W
R632	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R633	1-216-073-00	METAL CHIP	10K	5%	1/10W
R634	1-216-073-00	METAL CHIP	10K	5%	1/10W
R635	1-216-009-00	RES,CHIP	22	5%	1/10W
R636	1-216-121-00	RES,CHIP	1M	5%	1/10W
R637	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R638	1-216-097-00	RES,CHIP	100K	5%	1/10W
R639	1-216-077-00	RES,CHIP	15K	5%	1/10W
R640	1-216-113-00	METAL CHIP	470K	5%	1/10W
R641	1-216-097-00	RES,CHIP	100K	5%	1/10W
R642	1-216-065-00	RES,CHIP	4.7K	5%	1/10W
R643	1-216-065-00	RES,CHIP	4.7K	5%	1/10W
R644	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R645	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R646	1-216-073-00	METAL CHIP	10K	5%	1/10W
R647	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R648	1-216-295-00	SHORT	0		
R649	1-216-097-00	RES,CHIP	100K	5%	1/10W
R651	1-216-025-00	RES,CHIP	100	5%	1/10W
R694	1-216-017-00	RES,CHIP	47	5%	1/10W
R695	1-216-097-00	RES,CHIP	100K	5%	1/10W
R699	1-216-075-00	METAL CHIP	12K	5%	1/10W
R701	1-216-025-00	RES,CHIP	100	5%	1/10W
R702	1-216-025-00	RES,CHIP	100	5%	1/10W
R703	1-216-025-00	RES,CHIP	100	5%	1/10W
R705	1-216-033-00	METAL CHIP	220	5%	1/10W
R708	1-216-037-00	METAL CHIP	330	5%	1/10W
R710	1-216-027-00	METAL CHIP	120	5%	1/10W
R723	1-216-065-00	RES,CHIP	4.7K	5%	1/10W
R802	1-216-049-11	RES,CHIP	1K	5%	1/10W
R805	1-216-097-00	RES,CHIP	100K	5%	1/10W
R806	1-216-049-11	RES,CHIP	1K	5%	1/10W
R807	1-216-049-11	RES,CHIP	1K	5%	1/10W
R808	1-216-049-11	RES,CHIP	1K	5%	1/10W
R809	1-216-025-00	RES,CHIP	100	5%	1/10W
R810	1-216-025-00	RES,CHIP	100	5%	1/10W
R812	1-216-097-00	RES,CHIP	100K	5%	1/10W
R813	1-216-049-11	RES,CHIP	1K	5%	1/10W
R814	1-216-049-11	RES,CHIP	1K	5%	1/10W
R816	1-216-025-00	RES,CHIP	100	5%	1/10W
R821	1-216-097-00	RES,CHIP	100K	5%	1/10W
R822	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R823	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R825	1-216-097-00	RES,CHIP	100K	5%	1/10W
R826	1-216-097-00	RES,CHIP	100K	5%	1/10W
R827	1-216-105-00	RES,CHIP	220K	5%	1/10W
R828	1-216-097-00	RES,CHIP	100K	5%	1/10W
R829	1-216-073-00	METAL CHIP	10K	5%	1/10W
R830	1-216-073-00	METAL CHIP	10K	5%	1/10W
R831	1-216-073-00	METAL CHIP	10K	5%	1/10W
R832	1-216-097-00	RES,CHIP	100K	5%	1/10W
R833	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R834	1-216-097-00	RES,CHIP	100K	5%	1/10W
R835	1-216-089-00	RES,CHIP	47K	5%	1/10W
R839	1-216-073-00	METAL CHIP	10K	5%	1/10W
R842	1-216-097-00	RES,CHIP	100K	5%	1/10W
R843	1-216-073-00	METAL CHIP	10K	5%	1/10W
R844	1-216-025-00	RES,CHIP	100	5%	1/10W
R845	1-216-025-00	RES,CHIP	100	5%	1/10W
R846	1-216-097-00	RES,CHIP	100K	5%	1/10W
R847	1-216-097-00	RES,CHIP	100K	5%	1/10W
R848	1-216-097-00	RES,CHIP	100K	5%	1/10W
R850	1-216-097-00	RES,CHIP	100K	5%	1/10W
R851	1-216-097-00	RES,CHIP	100K	5%	1/10W
R856	1-216-025-00	RES,CHIP	100	5%	1/10W
R858	1-216-295-00	SHORT	0		
R859	1-216-065-00	RES,CHIP	4.7K	5%	1/10W
R860	1-216-097-00	RES,CHIP	100K	5%	1/10W
R861	1-216-105-00	RES,CHIP	220K	5%	1/10W
R862	1-216-105-00	RES,CHIP	220K	5%	1/10W
R863	1-216-049-11	RES,CHIP	1K	5%	1/10W
R865	1-216-097-00	RES,CHIP	100K	5%	1/10W
R866	1-216-097-00	RES,CHIP	100K	5%	1/10W
R868	1-216-049-11	RES,CHIP	1K	5%	1/10W
R869	1-216-097-00	RES,CHIP	100K	5%	1/10W
R870	1-216-025-00	RES,CHIP	100	5%	1/10W
R871	1-216-025-00	RES,CHIP	100	5%	1/10W
R899	1-216-097-00	RES,CHIP	100K	5%	1/10W
R902	1-216-049-11	RES,CHIP	1K	5%	1/10W
R903	1-216-041-00	METAL CHIP	470	5%	1/10W
R904	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R906	1-216-097-00	RES,CHIP	100K	5%	1/10W
R907	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R908	1-216-033-00	METAL CHIP	220	5%	1/10W
R909	1-216-041-00	METAL CHIP	470	5%	1/10W
R910	1-216-041-00	METAL CHIP	470	5%	1/10W
R911	1-216-041-00	METAL CHIP	470	5%	1/10W
R915	1-216-081-00	METAL CHIP	22K	5%	1/10W
R917	1-216-085-00	METAL CHIP	33K	5%	1/10W
R918	1-216-073-00	METAL CHIP	10K	5%	1/10W
R919	1-216-073-00	METAL CHIP	10K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R920	1-216-097-00	RES,CHIP	100K	5%	1/10W
R921	1-216-295-00	SHORT	0		
R922	1-216-075-00	METAL CHIP	12K	5%	1/10W
R923	1-216-105-00	RES,CHIP	220K	5%	1/10W
R924	1-216-089-00	RES,CHIP	47K	5%	1/10W
R925	1-216-097-00	RES,CHIP	100K	5%	1/10W
R928	1-216-041-00	METAL CHIP	470	5%	1/10W
R933	1-216-025-00	RES,CHIP	100	5%	1/10W
R936	1-216-059-00	METAL CHIP	2.7K	5%	1/10W
R937	1-216-097-00	RES,CHIP	100K	5%	1/10W
R940	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R999	1-216-097-00	RES,CHIP	100K	5%	1/10W
		< VARIABLE RESISTOR >			
RV801	1-241-788-11	RES, ADJ, CARBON 100K			
		< SWITCH >			
S900	1-692-431-21	SWITCH, TACTILE (RESET)			
		< TUNER >			
TU601	1-693-440-12	TUNER UNIT			
		< VIBRATOR >			
X601	1-781-246-21	VIBRATOR, CRYSTAL (10.25MHz)			
X602	1-579-242-41	VIBRATOR, CRYSTAL (4.3MHz)			
X700	1-579-345-11	VIBRATOR, CERAMIC (16.9344MHz)			
X800	1-767-833-21	VIBRATOR, CERAMIC (3.68MHz)			
X801	1-567-098-41	VIBRATOR, CRYSTAL (32kHz)			
**********					
*	A-3309-227-A	SERVO BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C1	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V
C2	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C3	1-135-145-11	TANTALUM CHIP	0.47uF	10%	35V
C4	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C5	1-164-182-11	CERAMIC CHIP	0.0033uF	10%	50V
C6	1-163-011-11	CERAMIC CHIP	0.0015uF	10%	50V
C7	1-163-809-11	CERAMIC CHIP	0.047uF	10%	25V
C9	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C10	1-126-206-11	ELECT CHIP	100uF	20%	6.3V
C11	1-135-259-11	TANTAL. CHIP	10uF	20%	6.3V
C12	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V
C13	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C14	1-163-989-11	CERAMIC CHIP	0.033uF	10%	25V
C15	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C16	1-163-989-11	CERAMIC CHIP	0.033uF	10%	25V
C17	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C18	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C19	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V
C20	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V

Ref. No.	Part No.	Description			Remark
C21	1-163-809-11	CERAMIC CHIP	0.047uF	10%	25V
C22	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C23	1-135-259-11	TANTAL. CHIP	10uF	20%	6.3V
C24	1-163-259-11	CERAMIC CHIP	220PF	5%	50V
C25	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V
C26	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C27	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C28	1-163-023-00	CERAMIC CHIP	0.015uF	5%	50V
C29	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C30	1-126-603-11	ELECT CHIP	4.7uF	20%	35V
C31	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C32	1-163-023-00	CERAMIC CHIP	0.015uF	5%	50V
C33	1-124-779-00	ELECT CHIP	10uF	20%	16V
C34	1-109-982-11	CERAMIC CHIP	1uF	10%	10V
C35	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C36	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C37	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C38	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C39	1-126-204-11	ELECT CHIP	47uF	20%	16V
C40	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
		< CONNECTOR >			
CN1	1-764-616-12	HOUSING, CONNECTOR (PC BOARD) 30P			
CN2	1-565-728-51	CONNECTOR, FPC 17P			
CN3	1-770-347-21	CONNECTOR, FPC 6P			
		< IC >			
IC1	8-752-372-94	IC CXD2507AQ			
IC2	8-752-074-34	IC CXA1782BQ			
IC3	8-759-354-16	IC BA6796FP-T1			
		< JUMPER RESISTOR >			
JR1	1-216-296-00	SHORT	0		
JR2	1-216-296-00	SHORT	0		
JR3	1-216-296-00	SHORT	0		
JR4	1-216-296-00	SHORT	0		
JR5	1-216-296-00	SHORT	0		
JR6	1-216-296-00	SHORT	0		
JR7	1-216-296-00	SHORT	0		
JR8	1-216-296-00	SHORT	0		
JR9	1-216-296-00	SHORT	0		
JR10	1-216-296-00	SHORT	0		
JR11	1-216-296-00	SHORT	0		
JR12	1-216-296-00	SHORT	0		
JR13	1-216-296-00	SHORT	0		
JR14	1-216-296-00	SHORT	0		
JR15	1-216-296-00	SHORT	0		
JR16	1-216-296-00	SHORT	0		
JR17	1-216-296-00	SHORT	0		
JR18	1-216-296-00	SHORT	0		
JR19	1-216-296-00	SHORT	0		
JR20	1-216-296-00	SHORT	0		
JR21	1-216-296-00	SHORT	0		

SERVO

Ref. No.	Part No.	Description			Remark
JR22	1-216-296-00	SHORT	0		
JR23	1-216-296-00	SHORT	0		
JR24	1-216-296-00	SHORT	0		
JR25	1-216-296-00	SHORT	0		
JR26	1-216-296-00	SHORT	0		
JR27	1-216-296-00	SHORT	0		
JR28	1-216-296-00	SHORT	0		
JR29	1-216-296-00	SHORT	0		
JR30	1-216-296-00	SHORT	0		
JR31	1-216-296-00	SHORT	0		
JR32	1-216-296-00	SHORT	0		
JR33	1-216-296-00	SHORT	0		
JR34	1-216-296-00	SHORT	0		
JR35	1-216-296-00	SHORT	0		
JR36	1-216-296-00	SHORT	0		
JR37	1-216-296-00	SHORT	0		
JR38	1-216-296-00	SHORT	0		
JR39	1-216-296-00	SHORT	0		
JR40	1-216-296-00	SHORT	0		
JR41	1-216-296-00	SHORT	0		
JR43	1-216-296-00	SHORT	0		
JR44	1-216-296-00	SHORT	0		
JR45	1-216-296-00	SHORT	0		
JR46	1-216-296-00	SHORT	0		
		< COIL >			
L1	1-412-058-11	INDUCTOR CHIP	10uH		
L2	1-412-058-11	INDUCTOR CHIP	10uH		
L3	1-412-058-11	INDUCTOR CHIP	10uH		
		< TRANSISTOR >			
Q1	8-729-904-60	TRANSISTOR	DTB113ZK-T-146		
Q2	8-729-904-86	TRANSISTOR	2SB1197K-T-146-Q		
		< RESISTOR >			
R1	1-216-073-00	METAL CHIP	10K	5%	1/10W
R2	1-216-097-00	RES,CHIP	100K	5%	1/10W
R3	1-216-121-00	RES,CHIP	1M	5%	1/10W
R4	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R5	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R6	1-216-073-00	METAL CHIP	10K	5%	1/10W
R7	1-216-009-00	RES,CHIP	22	5%	1/10W
R8	1-216-119-00	METAL CHIP	820K	5%	1/10W
R9	1-216-119-00	METAL CHIP	820K	5%	1/10W
R10	1-216-073-00	METAL CHIP	10K	5%	1/10W
R11	1-216-073-00	METAL CHIP	10K	5%	1/10W
R14	1-216-085-00	METAL CHIP	33K	5%	1/10W
R15	1-216-085-00	METAL CHIP	33K	5%	1/10W
R16	1-216-077-00	RES,CHIP	15K	5%	1/10W
R17	1-216-081-00	METAL CHIP	22K	5%	1/10W
R19	1-216-079-00	METAL CHIP	18K	5%	1/10W
R20	1-216-105-00	RES,CHIP	220K	5%	1/10W
R21	1-216-105-00	RES,CHIP	220K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R22	1-216-085-00	METAL CHIP	33K	5%	1/10W
R23	1-216-121-00	RES,CHIP	1M	5%	1/10W
R24	1-216-073-00	METAL CHIP	10K	5%	1/10W
R27	1-216-295-00	SHORT	0		
R28	1-216-101-00	METAL CHIP	150K	5%	1/10W
R29	1-216-097-00	RES,CHIP	100K	5%	1/10W
R30	1-216-097-00	RES,CHIP	100K	5%	1/10W
R31	1-216-081-00	METAL CHIP	22K	5%	1/10W
R32	1-216-109-00	METAL CHIP	330K	5%	1/10W
R33	1-216-105-00	RES,CHIP	220K	5%	1/10W
R34	1-216-009-00	RES,CHIP	22	5%	1/10W
R35	1-216-065-00	RES,CHIP	4.7K	5%	1/10W
R36	1-216-097-00	RES,CHIP	100K	5%	1/10W
R37	1-216-117-00	METAL CHIP	680K	5%	1/10W
R38	1-216-109-00	METAL CHIP	330K	5%	1/10W
R39	1-216-101-00	METAL CHIP	150K	5%	1/10W
R40	1-216-114-00	RES,CHIP	510K	5%	1/10W
R41	1-216-093-00	RES,CHIP	68K	5%	1/10W
R42	1-216-103-00	METAL CHIP	180K	5%	1/10W
R43	1-216-097-00	RES,CHIP	100K	5%	1/10W
R44	1-216-085-00	METAL CHIP	33K	5%	1/10W
R45	1-216-081-00	METAL CHIP	22K	5%	1/10W
R46	1-216-097-00	RES,CHIP	100K	5%	1/10W
R47	1-216-105-00	RES,CHIP	220K	5%	1/10W
R48	1-216-073-00	METAL CHIP	10K	5%	1/10W
R49	1-216-065-00	RES,CHIP	4.7K	5%	1/10W
R50	1-216-065-00	RES,CHIP	4.7K	5%	1/10W
R51	1-216-295-00	SHORT	0		
		< VARIABLE RESISTOR >			
RV1	1-238-091-11	RES, ADJ, CERMET	22K		
RV4	1-238-091-11	RES, ADJ, CERMET	22K		

Sony Corporation
Mobile Electronics Company

99H047542-1
Printed in Hungary ©1999. 8
Published by Quality Assurance Dept.